11

PCT/GB2005/000753

CLAIMS:

WO 2005/084918

- 1. An adapter for an extrusion apparatus to split the flow of a molten material into a plurality of extrusion pathways, which adapter comprises an input channel, a first output channel, a second output channel and means for adjusting the flow balance between the first output channel and the second output channel.
- 10 2. An adapter according to claim 1, in which the adapter comprises means for attachment to an extruder.
- 3. An adapter according to claim 1 or claim 2, in which the flow balance adjusting means is capable of controlling the flow balance to achieve at least a 60:40 split between the first channel and the second channel.
- 4. An adapter according to any preceding claim, in which at the output of the first channel there is provided a first die and the output of the second channel there is provided a second die, wherein the first and second dies differ substantially from one another.
- 5. An adapter according to any preceding claim, in which the flow balance adjusting means comprises a physical block restricting the flow of molten material into a channel.
- 6. An adapter according to any preceding claim, in which the flow balance adjusting means comprises a bellows.

WO 2005/084918 PCT/GB2005/000753

12

- 7. An adapter according to any one of claims 1-5, in which the flow balance adjusting means comprises a pivotable arm.
- 8. An adapter according to any one of claims 1-5, in which the flow balance adjusting means comprises magnet means for biasing the flow of a polar molten material.
- 9. An adapter according to any one of claims 1-5, in which the flow balance adjusting means comprises means for selectively adjusting the viscosity of molten fluid flow in a channel.
- 10. An adapter according to claim 9, which the flow balance adjusting means comprises a temperature controlled body configured to adjust the temperature of the molten fluid flow in a channel.
- 11. An adapter according to claim 10, in which the 20 temperature controlled body comprises a belt at least partly about a channel.
- 12. An adapter according to claim 10 or claim 11, in which the temperature controlled body comprises at least one fin projecting into a channel.
 - 13. An adapter according to any one of claims 10-12, in which a temperature controlled fluid is provided to control the temperature of the temperature controlled body.

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14. An adapter according to any preceding claim, in which the first output channel is vertically spaced from the second output channel.

WO 2005/084918 PCT/GB2005/000753

13

- 15. An adapter according to claim 14, in which the first output channel lies above the second output channel.
- 5 16. An extrusion apparatus comprising an output to split the flow of a molten material into a plurality of extrusion pathways, which output comprises a first output channel, a second output channel and means for adjusting the flow balance between the first output channel and the 10 second output channel.
 - 17. An adapter according to claim 16, in which the first output channel is vertically spaced from the second output channel.

15

- 18. An adapter according to claim 16 or claim 17, in which the first output channel lies above the second output channel.
- 20 19. An adapter according to any one of claims 16-18, in which the output comprises an adapter according to any one of claims 1-15.
- 20. A method of operating an extrusion apparatus according to any one of claims 16-19, which method comprises the steps of adjusting the flow balance adjusting means to balance the flow of molten material between a first dye of the first output channel and a second dye of the second output channel.

30

21. An adapter for splitting the flow of a molten extrudate into a plurality of channels, the first channel having a first output channel and a second channel having

WO 2005/084918 PCT/GB2005/000753

14

- a second output channel, wherein the first output channel is vertically spaced from the second output channel.
- 22. An adapter according to claim 21, in which the first output channel lies above the second output channel.
 - 23. An adapter according to claim 22, in which the adapter is according to any one of claims 1-15.
- 24. An extrusion apparatus comprising an adapter according to any one of claims 21-23.
- 25. An extrusion apparatus according to claim 24, in which the first output channel is above the second output channel.